

LBH LIFEPO4 battery 6000 cycles - Wall Mount

- 25.6V/100Ah 2.56Kwh Lithium Battery Storage
- 25.6V/180Ah 4.60Kwh Lithium Battery Storage
- 25.6V/200Ah 5.12Kwh Lithium Battery Storage
- 25.6V/280Ah 7.16Kwh Lithium Battery Storage
- 25.6V/300Ah 7.68Kwh Lithium Battery Storage



Battery Features

- ◆ Top brand cell, grade A quality
- ◆ Comply with RoHS standards
- ◆ Cells cycle times 6000 cycle life
- ◆ Long lifespan: 5 years warranty, 10+ life design at 25°C
- ◆ No active cooling system is required

Application

- ◆ Oil and electricity hybrid energy storage system.
- ◆ Grid frequency adjustment energy storage system.
- ◆ New energy communication base station, Core computer room, IDC UPS.
- ◆ Smart grid, micro-grid system.
- ◆ Other energy storage system.
- ◆ Mobile container storage system.
- ◆ Load tracking energy storage system.
- ◆ Peak load shifting energy storage system.
- ◆ New energy generation (solar, wind, PV/wind hybrid) access to energy storage system.

Communication with different brand:



Technical Parameter

MODEL	LBH 25.6V/100Ah	LBH 25.6V/180Ah	LBH 25.6V/200Ah	LBH 25.6V/280Ah	LBH 25.6V/300Ah
Rate voltage(Vdc)	25.6	25.6	25.6	25.6	25.6
Rate capacity(AH)	100	180	200	280	300
Energy storage(KWH)	2.56	4.608	5.12	7.168	7.68
Cycle life	≥6000 cycles to 85% DOD				
Months self discharge	≤2%				
Efficiency of charge	100% at 0.2C				
Efficiency of discharge	96-99% at 1C				
Standard Charge					
Charge voltage	29.2±0.2V				
Charge mode	0.2C to 29.2V, then 29.2V,charge current to 0.02C (CC/CV)				
Charge current(A)	20	36	40	56	60
Max. Charge current(A)	100	160	200	200	200
Charge cut-off voltage(VDC)	29.2±0.2V				
Standard Discharge					
Continuous current(A)	100	160	200	200	200
Discharge cut-off voltage(VDC)	22.4				
Environmental					
Charge temperature	0°C to 45°C (32F to 113F) @60±25% Relative Humidity				
Discharge temperature	-20°C to 60°C(-4F to 140F) @60±25% Relative Humidity				
Storage temperature	0°C to 40°C(32F to 104F)@60±25% Relative Humidity				
Mechanical					
IP Class	IP60				
Material system	LiFePO4				
Case material	Metal				
Case Type	Wall Mount				
Pack Dimensions L*W*H(mm)	490*350*147	580*400*185	580*400*185	530*322*270	530*233*270
Package Dimension L*W*H(mm)	575*490*255	640*485*250	640*485*250	678*435*455	678*435*455
Net Weight(kg)	29	36	40	53	55
Gross Weight(kg)	33	38.5	46	58	60
Terminal	M8				
Protocol (Optional)	CANBUS/RS485/RS232				
SOC (Optional)	LED/LCD				
The quality assurance period	60 Months				